

R<sub>6</sub> is acyl or sulfonyl; and

R<sub>1</sub> is one of the following functional groups:

C(O)NR<sub>7</sub>R<sub>8</sub>, wherein R<sub>7</sub> and R<sub>8</sub> are, independently, hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

C(O)OR<sub>9</sub>, wherein R<sub>9</sub> is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

C(O)R<sub>10</sub>, wherein R<sub>10</sub> is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

SR<sub>11</sub>, wherein R<sub>11</sub> is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

S(O)<sub>2</sub>R<sub>11</sub>, wherein R<sub>11</sub> is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

S(O)R<sub>11</sub>, wherein R<sub>11</sub> is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

NR<sub>12</sub>R<sub>13</sub>, wherein R<sub>12</sub> and R<sub>13</sub> are, independently, hydrogen, acyl, sulfonyl, alkyl, heteroalkyl, aryl or heteroaryl;

2-oxazolyl, wherein R<sub>14</sub> is at the 4-position and R<sub>15</sub> is at the 5-position of the oxazolyl, and wherein R<sub>14</sub> and R<sub>15</sub> are, independently, hydrogen, alkyl, heteroalkyl, aryl, heteroaryl or an electron withdrawing group;

2-aminothiazolyl, wherein R<sub>16</sub> is at the 4-position and R<sub>17</sub> is at the 5-position of the thiazole, and wherein R<sub>16</sub> and R<sub>17</sub> are, independently, hydrogen, alkyl, heteroalkyl, aryl, heteroaryl or an electron withdrawing group; and,

CH<sub>2</sub>NR<sub>18</sub>R<sub>19</sub>, wherein R<sub>18</sub> and R<sub>19</sub> are, independently, hydrogen, alkyl, heteroalkyl, aryl, heteroaryl, acyl or sulfonyl.

### REMARKS

The new Examiner has reiterated the previous restriction under 35 U.S.C. § 121 to one of the following inventions:

- I. Claims 1-6, drawn to a method, classified in class 548, subclass 139.
- II. Claims 44-48, drawn to a method, classified in class 548, subclass 141.
- III. Claim 49-53, drawn to a method, classified in class 548, subclass 163.
- IV. Claim 54, drawn to a method, classified in class 548, subclass 192.

Applicants elect group II. Per the Examiner's suggestion, Applicants have amended claim 44 to include all of the limitations contained in the canceled claims 16 and 17. See paragraph 4 of Office Action at page 2.

Regarding the election of species, Applicants note the library compounds covered by claim 44 have the structure shown in formula Ib. The provisionally elected species of the library of compounds is